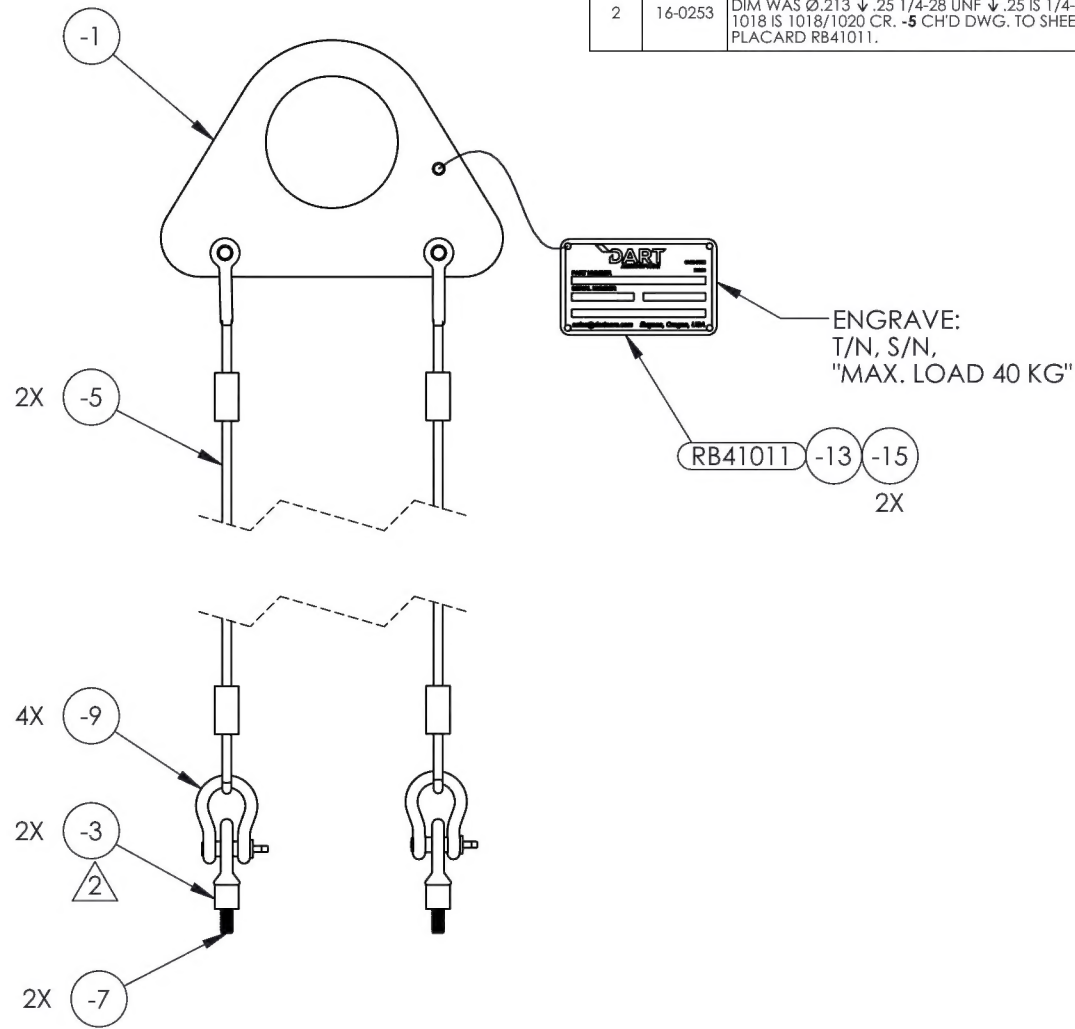


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0196	-1 DELETED COUNTERSINK WAS Ø2.75 THRU √ Ø2.81 X 90°, IS Ø2.75 THRU, DELETED OUTER PROFILE CHAMFER WAS 2X .03 X45°. -11 WAS RED BARN PLACARD RB41009 IS DART PLACARD RB41011.	10/31/2014	RJC	JAG
2	16-0253	-1 CH'D DIM WAS (.375) IS .38, ADDED DIM 2.81, CH'D MATERIAL WAS 4140 IS 4140/4142. -3 CH'D DIM WAS Ø.213 √.25 1/4-28 UNF √.25 IS 1/4-28 UNF -2B √.25, WAS (.50) IS .50, CH'D MATERIAL WAS 1018 IS 1018/1020 CR. -5 CH'D DWG. TO SHEET METAL TOLERANCE, DELETED P/N -11 FOR DART PLACARD RB41011.	12/5/2016	RJC	JAG



NOTE:

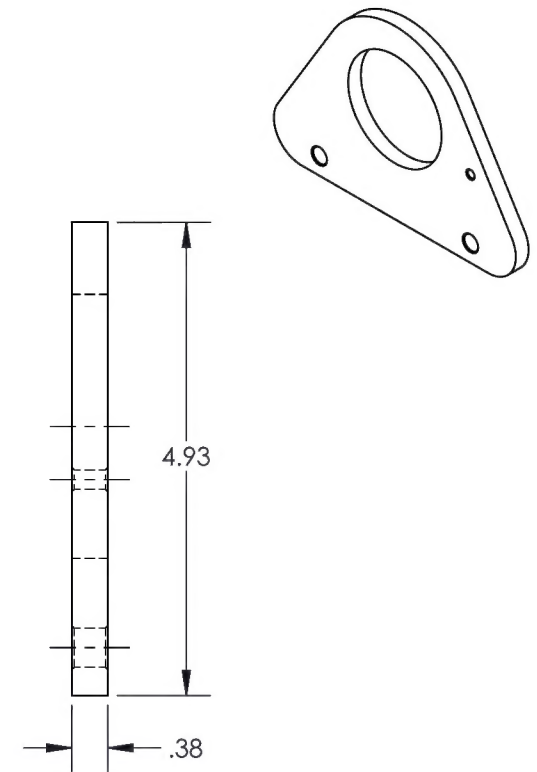
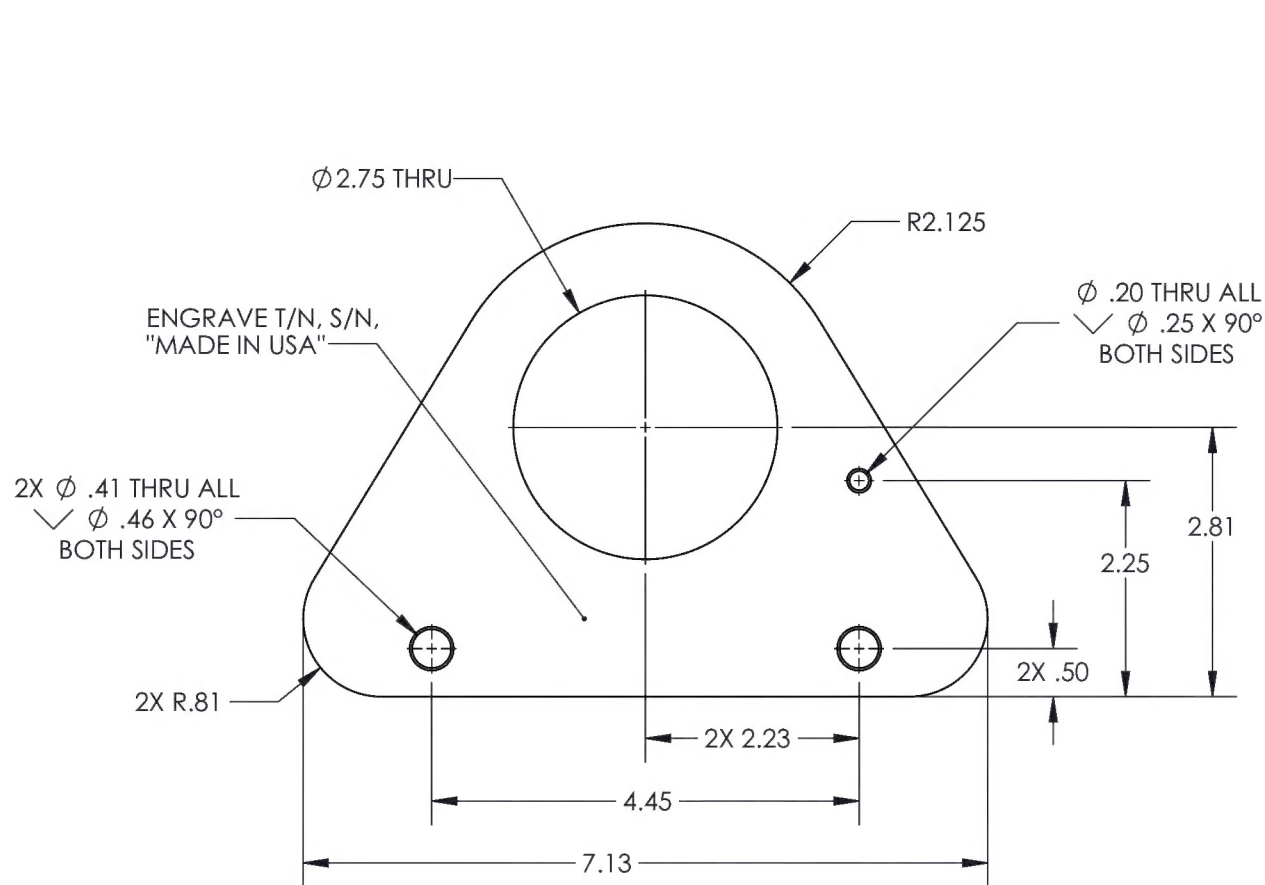
1. REF. AGUSTA T/N: 3G5305G00332.
2. INSTALL -3 THREADED END ON FIRST, AND LOCTITE 262.

DART AEROSPACE			
TITLE SLING, FWD. SLIDING COWLING LIFTING			
DWG NO.	RBW5305G00332-3G		REV 2
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8		
FINISH	.XX ± .01 ANGLES ± 5°		
SPEC	.X ± .1 SURFACES = 125°		
DRAWN BY:	CLOUGH		
CHECKED:	MACKOVJAK		
OPPS APPR:	ANDERSON		
QA APPR:	LINDSAY		
APPROVED:	GILBERT		
SCALE	1:4	DATE	3/14/2013
USED ON MODEL			AW139
SHEET 1 OF 5			

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	YOKE	4140/4142		2
			-3	2	SLEEVE	1018/1020 CR		3
			-5	2	CABLE ASSY	316 S.S.		4
		B/O	-7	2	LIFTING EYE	STEEL	Ø1-3/16 ID X Ø3/4 OD, 500lb CAP. MSC #74647199	1
		B/O	-9	4	SHACKLE	316 S.S.	Ø1/4 SCREW PIN MCMASTER-CARR #3583734	1
		B/O	-13	1	LANYARD	COATED STEEL	Ø1/16 X 10 (CARR LANE #CL2C)	1
		B/O	-15	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31	1
		B/O		1	DART PLACARD	ALUMINUM	RB41011	1

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0196	-1 DELETED COUNTERSINK WAS Ø2.75 THRU ∇ Ø2.81 X 90°, IS Ø2.75 THRU, DELETED OUTER PROFILE	10/31/2014	RJC	JAG
2	16-0253	-1 CH'D DIM WAS (.375) IS .38, ADDED DIM 2.81, CH'D MATERIAL WAS 4140 IS 4140/4142.	12/5/2016	RJC	JAG

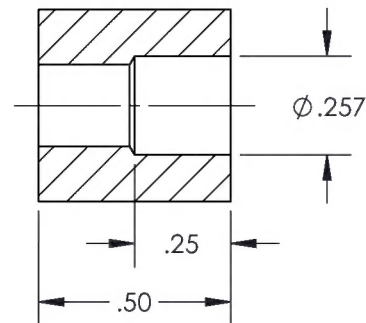
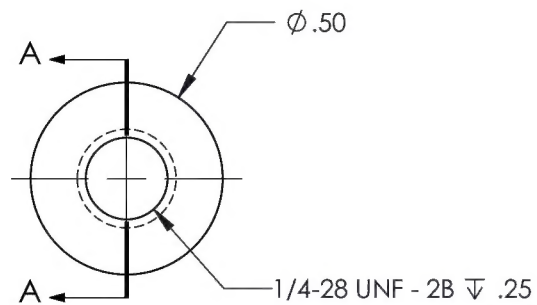
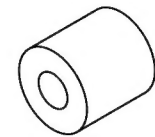


(-1)
YOKE

DART AEROSPACE	
TITLE SLING, FWD. SLIDING COWLING LIFTING	
DWG NO. RBW5305G00332-3G-1	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT RC 40-44	.XXX ± .005 FRACTIONS ± 1/8
FINISH POWDER COAT YELLOW	.XX ± .01 ANGLES ± 5°
SPEC FED #13538	.X ± .1 SURFACES = 125
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:2	DATE 3/13/2013
SHEET 2 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0253	-3 CH'D DIM WAS $\varnothing .213 \pm .25$ 1/4-28 UNF $\pm .25$ IS 1/4-28 UNF -2B $\pm .25$, WAS (.50) IS .50, CH'D MATERIAL WAS 1018 IS 1018/1020 CR.	12/5/2016	RJC	JAG



SECTION A-A

NOTE:

1. LOCTITE THREADED END ONTO -7. SEE NOTE 2 ON SHEET 1.

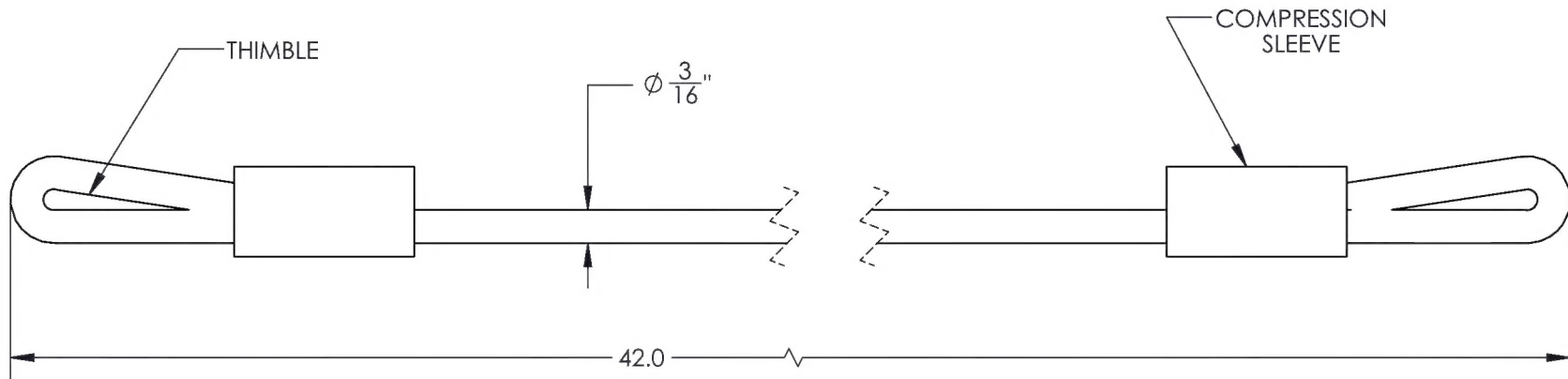
(-3)

SLEEVE

DART AEROSPACE	
TITLE SLING, FWD. SLIDING COWLING LIFTING	
DWG NO. RBW5305G00332-3G-3	REV 2
MAT'L 1018/1020 CR HEAT TREAT FINISH POWDER COAT YELLOW SPEC FED #13538	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 FRACTIONS \pm 1/8 .XX \pm .01 ANGLES \pm 5° .X \pm .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: MACKOVJAK	AW139
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 2:1	DATE 3/14/2013
SHEET 3 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0253	-5 CH'D DWG. TO SHEET METAL TOLERANCE.	12/5/2016	RJC	JAG



(-5)
CABLE ASSY

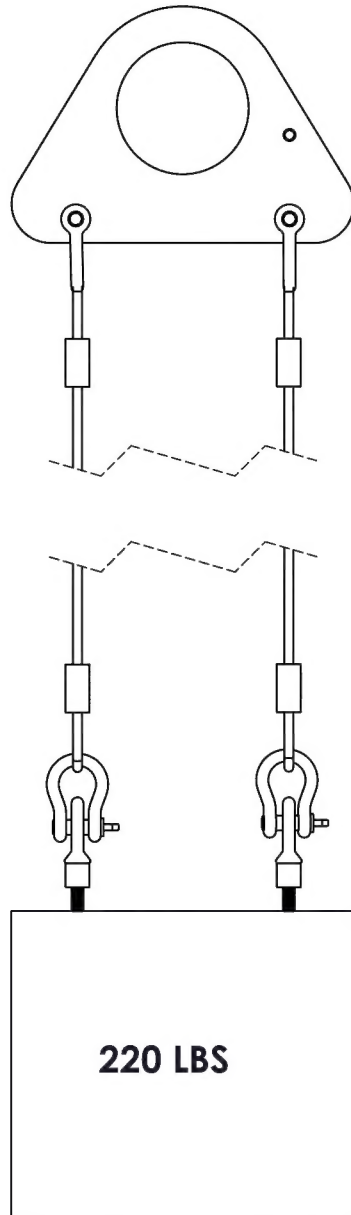
NOTE:

- VENDOR TO FABRICATE TWO CABLE ASSEMBLIES USING THE FOLLOWING:
 - 2EA. Ø3/16 WIRE CABLES
 - 2EA. THIMBLES
 - 2EA. COMPRESSION SLEEVES
- CABLE ASSEMBLIES MUST BE EQUAL LENGTH TO ENSURE PROPER LIFTING.
- CABLE TO SUPPORT A WORKING LOAD OF 40 Kg (88lbs.).

DART AEROSPACE	
TITLE SLING, FWD. SLIDING COWLING LIFTING	
DWG NO. RBW5305G00332-3G-5	REV 2
MAT'L 316 S.S.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:1	DATE 3/14/2013
SHEET 4 OF 5	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



INSPECTION & TESTING PROCEDURE FOR RBW5305G00332-3G

- INSPECT THIS ASSEMBLY PRIOR TO EACH USE.
- REPLACE ANY ITEMS THAT ARE, OR SUSPECTED TO BE DAMAGED BEFORE USE.

FIRST ARTICLE WEIGHT TEST:

1. AFTER INSPECTION ATTACH SLING ASSEMBLY TO AN OVERHEAD LIFTING DEVICE.
2. ATTACH SLING TO AN APPROPRIATE TEST WEIGHT OF 220 LBS. BALANCE LOAD DISTRIBUTION BETWEEN BOTH STRAPS.
3. LIFT TEST WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, BENDING, OR DISTORTIONS.
4. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS FRACTURES, BENDING, OR DISTORTIONS.

INSPECTOR: _____

TESTER: _____

S/N: _____

DATE: _____

DART AEROSPACE	
TITLE SLING, FWD. SLIDING COWLING LIFTING	
DWG NO. RBW5305G00332-3G	REV 2
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW139
SCALE 1:4	DATE 3/14/2013
SHEET 5 OF 5	